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**M** UNIVERSITY OF MICHIGAN  
NORTH CAMPUS RESEARCH COMPLEX



March 2012

## Welcome



Welcome to the March issue of NCRC momentUM. This month we will update you on the progress made with the planning for the Institute for Healthcare Policy and Innovation. NCRC is using new technologies to find solutions to space planning and management. An Imaging Core is coming into existence at NCRC, meeting the imaging needs of a diverse set of research groups. As always, I welcome your feedback.

[David Canter](#), Executive Director, NCRC

## Institute for Healthcare Policy and Innovation Update

*Planning in progress for new institute*



The Institute for Healthcare Policy and Innovation (IHPI) is on schedule to open this summer at the NCRC campus. The Institute

will merge researchers from all over U-M and private partners and is expected to become the largest university-based Health Services Research organization of its kind.

The IHPI's mission is to enhance the health and well-being of people locally, nationally and globally through innovative, interdisciplinary health services research. Partnerships among health services researchers is key, so more than 500 of the Institute's researchers and staff will be located on the NCRC campus. Researchers will likely begin moving in late spring or early summer 2012.

Not all members will be located at the NCRC, but they will still be active participants in the Institute. Those researchers outside of NCRC will be able to find "touch-down" space or frequently visit the Institute to share and benefit from each other's work. Joe Zogaib, NCRC Project Leader for the IHPI, says traditional offices and private work stations will be

## Imaging Core being established at the NCRC



Imaging Core being established at the NCRC  
Among the items left by Pfizer at NCRC is a 4.7 Tesla Varian Magnetic Resonance Imaging (MRI) device, which will become a major component of the new Imaging Core at NCRC. The Imaging Core is being established as a Biomedical Research Core Facility funded by the U-M Medical School Office of Research, and will be located in Building 23. The core will start off with the activation of the MRI device and bioluminescence imaging services to provide state-of-the-art instruments and resources to faculty and staff will soon follow. The core will be managed by researchers from the U-M Center for Molecular Imaging (CMI), including one of its co-directors, Brian Ross, Ph.D.

The core is intended to provide the technical services needed for research at the university, and will be made available to anyone on campus that requires the service. Although the 4.7 Tesla Varian MRI has the capabilities of imaging small animals, it will establish the NCRC as the exclusive place at U-M for

complemented by conference areas and informal seating areas once renovations are complete around June.

Rodney Hayward, M.D., Interim Director and professor of Internal Medicine, says the IHPI will become an influential leader. The environment, opportunity for collaboration and the focus on some of the most challenging health problems of our world may help U-M attract and retain the best and brightest researchers in the field.

For more information on the IHPI, visit the new website: [www.ihpi.umich.edu](http://www.ihpi.umich.edu)

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## ArcGIS In Use at the NCRC

*A valuable tool for complex space planning*

When managing a geographically large and diverse physical asset such as institutional space, a picture truly is worth a thousand words.

The Medical School and NCRC cover more than 4 million gross square feet of space, and physical data such as square footage is collected and tracked for every single room. ArcGIS is a geographic information system that helps manage space by providing a way to merge data with graphics and visualize a variety of data elements on floor plans such as room numbers, square footage, and even the names of room occupants. One of the great strengths of the tool is that the text data is drawn directly from the University's M-Pathways space database, and updated monthly.

### Current State of GIS Enabled Space Planning at Medical School & NCRC:

On-demand, Multi-function space utilization analysis based on:

- department locations, room usage, occupants in rooms, grants, square footage, etc.



A visual tool such as ArcGIS allows managers and planners to see concepts that can't be shown on a spreadsheet, such as the relative size and proximity of rooms or areas. It can also be used as a scenario planning tool by merging in "future" occupancy data. The data sets and GIS maps for NCRC are maintained by the Medical School office of Space Information, Analysis & Planning. **Sucheta Kulkarni**, GIS Specialist, deploys updated maps every month to a base of more than 70 users across the Health System. The Medical School and NCRC have found ArcGIS to be an extremely valuable tool for informing decisions on how best to allocate our space resources.

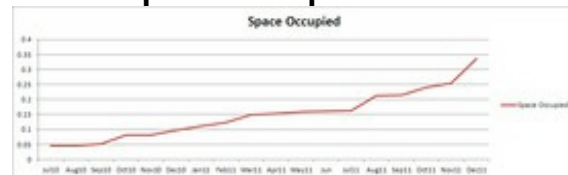
medium to large animal imaging. The Imaging Core will provide the bioluminescent imaging services that will promote cancer research through U-M and support the development of Emergency Medicine at the NCRC.

"The NCRC has many thematically developed research teams. Having the equipment and imaging expertise available should improve the scientific and clinically translational research progress as well as improve our competitiveness with external granting agencies" says Ross.



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## NCRC Space Occupied



The percent of occupied space at the NCRC has been steadily increasing by an average of 50 people per month since July, 2010. Research faculty and staff move to the NCRC on a monthly basis, and the number of occupants is constantly changing. Total space occupied at the end of 2011 was approximately 337,000 net assignable square feet (nasf). The total number of occupants at NCRC is 1,155 as of March, 2012. It is expected that the percent of space occupied will continue to increase according to the average in the upcoming months, with a spike in the summer when members of the Institute for Healthcare Policy and Innovation (IHPI) locate at NCRC.

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